

Erosion and Sediment Control Schedule

Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

Silt Fence

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding
Disturbed areas of the site that are to remain idle for more than thirty (30) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading.
Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.

Mulching

Straw-mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

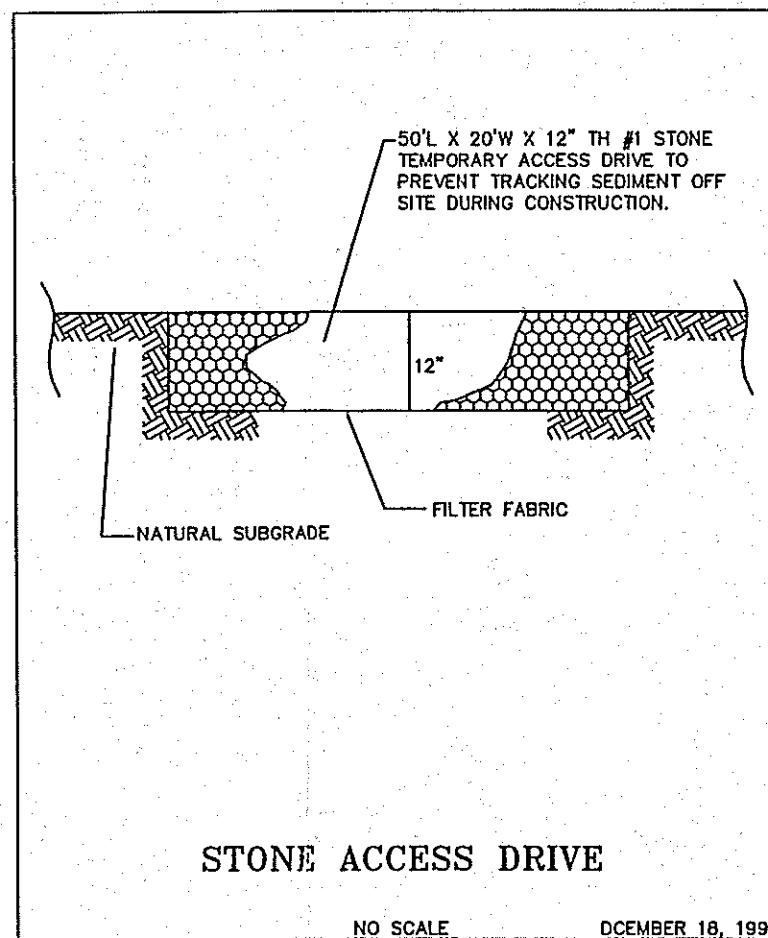
Maintenance

Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

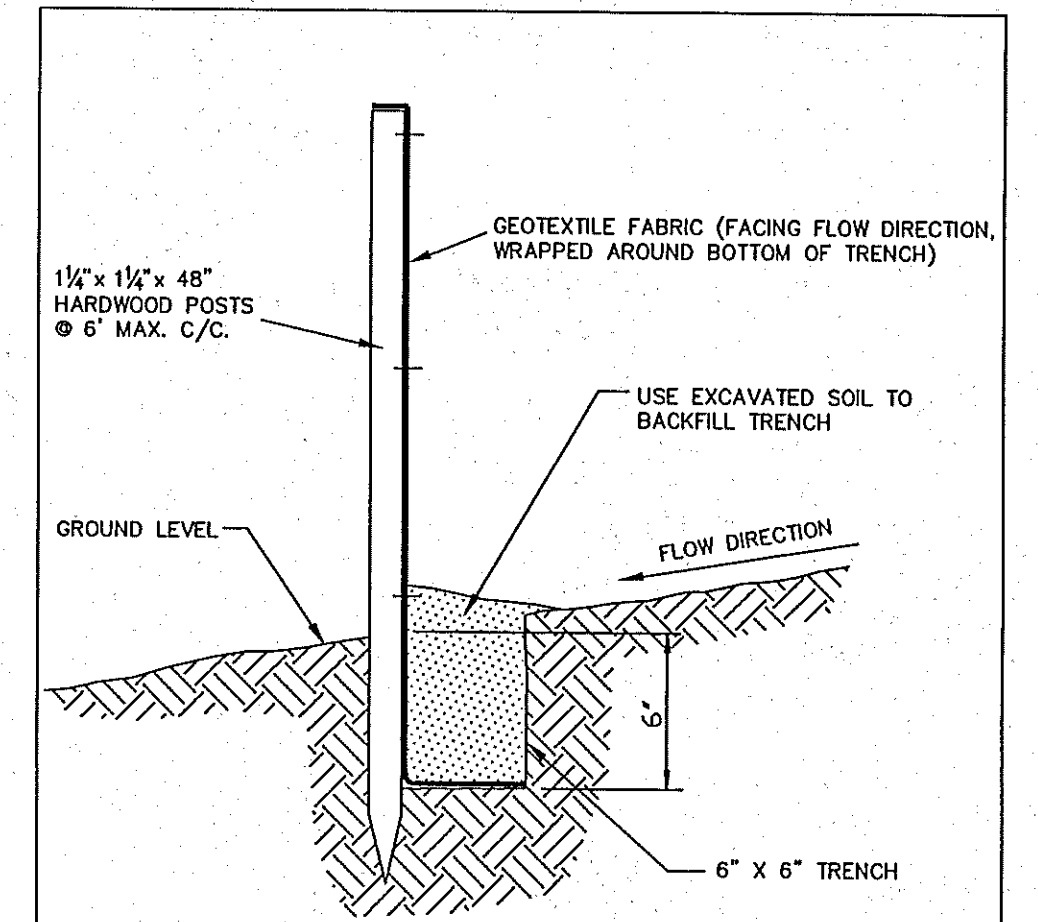
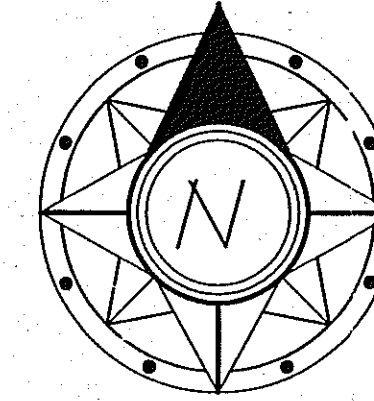
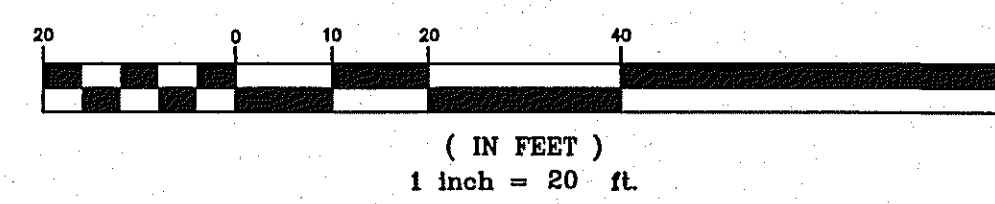
Note:

All erosion and sediment control specifications, applications, and timetables are based on the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999.

The specified erosion and sediment control standards are the general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to waive, in writing, individual requirements.



GRAPHIC SCALE



TYPICAL CROSS SECTION

SILT FENCE DETAIL

NO SCALE
DECEMBER 19, 1997

ESTIMATED IMPERVIOUS AREA
HOUSE: 0.08Ac.
DRIVE: 0.04Ac.
TOTAL: 0.10Ac.

House Summary

3-Car Side Entry, Right Hand With Basement
Site Adj. to Hemingway Lane
-See Architect Plans For Complete House Dimensions.
-Utility Connections Per Plan; Contractor To Verify Location And Depth Of All Laterals.

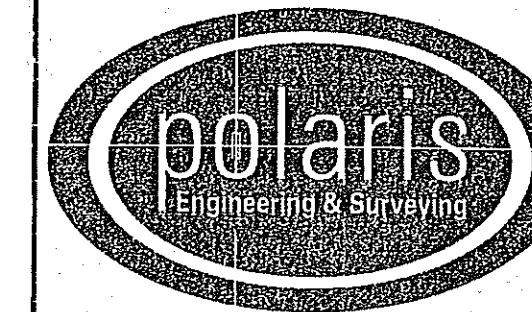
NOTE: HOUSE DOWNSPOUTS TO BE TIED INTO EXISTING STORM SYSTEM.

NOTE: EXISTING TOPSOIL MOUND TO BE REMOVED.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1', OR 2' CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 22nd DAY OF NOVEMBER, 2005, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

Dustin R. Keeney
Dustin R. Keeney, P.E. 65516

Site & Grade Hse., 11-28-05 G.S.V.



POLARIS ENGINEERING & SURVEYING, INC.
34600 CHARDON ROAD - SUITE D
WILLOUGHBY HILLS, OHIO 44094
(440) 944-4433 (440) 944-3722 (Fax)
www.polaris-es.com

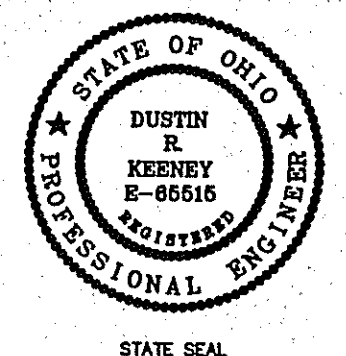
DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Dustin R. Keeney
NAME
11/28/05
DATE

BENCHMARK:

B.M. = T.B.M Set On Top Of Hydrant
Located Opposite Adj. S/L 48;
Elevation 965.51



"AS-BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME
DATE

CONTRACT No.

05750

DATE: 11/28/05

SCALE: HOR. 1"=20'

VERT. 1"=20'

FILENAME: subplot47.dwg

SUBLOT 47
Holden Ridge Ph.2
(Formerly Wellesley Chase Subdivision Ph.2)
Concord Twp., Lake County, Ohio

Prepared For:

B.R. Knez Construction, Inc.
3375 Blackmore Road
Perry Township, Ohio 44081
(440) 259-0087

CONCORD TOWNSHIP ZONING OFFICE

Zoning Permit # 1205-12538

Date Issued 12/23/05

Subject to Approval By:

✓ Lake Co. Engineer/Storm Water Mgmt.

✓ Lake Co. Utilities Dept.

✓ Lake Co. Soil & Water District

✓ Lake Co. Health District

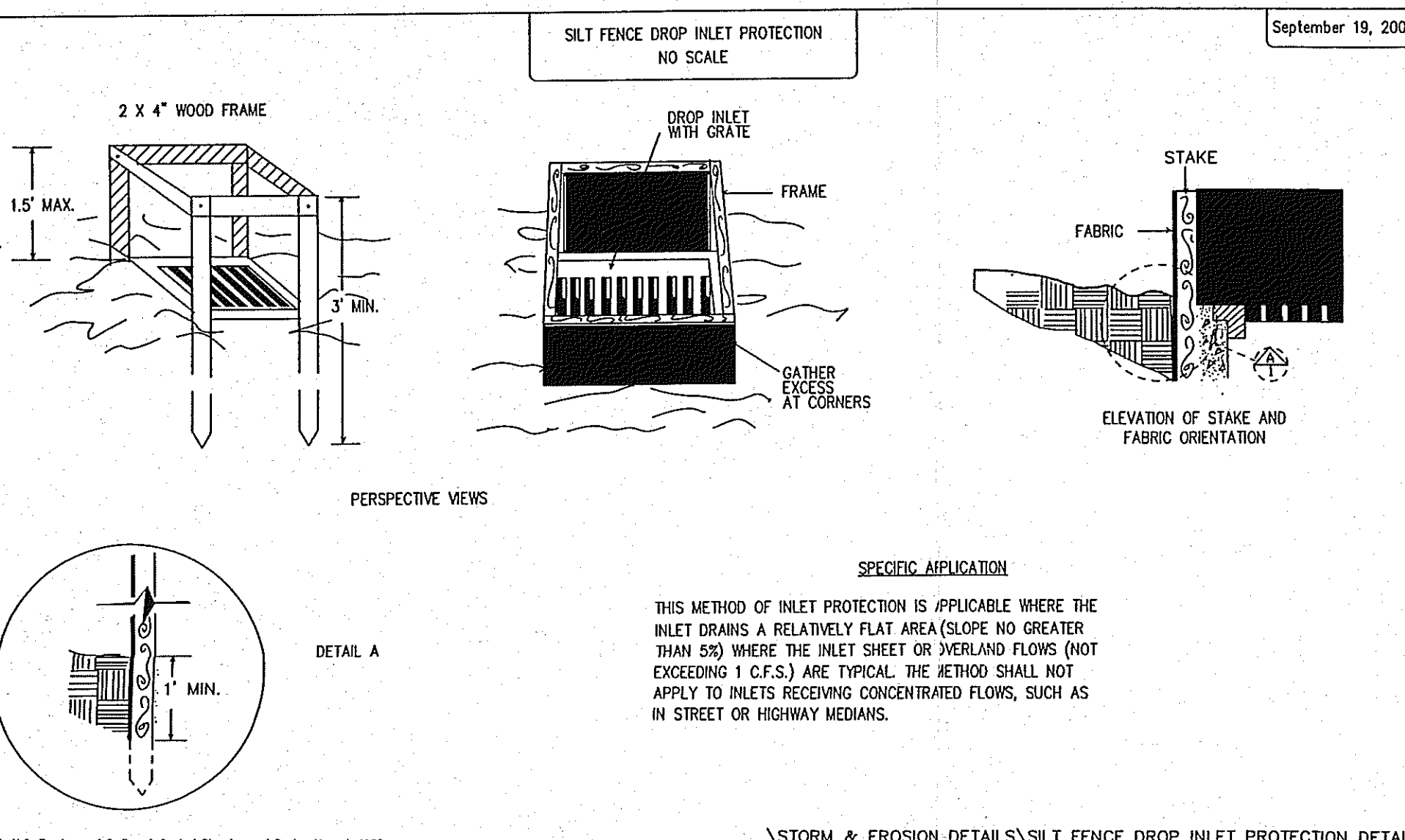
✓ Lake Co. Building Dept.

Temporary Seeding Specifications

| Seeding Dates | Species | Lb. / 100sqft | Per Acre |
|------------------------------|---|---------------|----------|
| March 1 to August 15 | Oats | 3 | 4 bushel |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Perennial Ryegrass | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| August 16 to November 1 | Rye | 1 | 2 bushel |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Wheat | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| | Perennial Ryegrass | 1 | 40 lb. |
| | Tall Fescue | 1 | 40 lb. |
| | Annual Ryegrass | 1 | 40 lb. |
| November 1 to Spring Seeding | Use mulch only, sodding practices & dormant seeding | | |

Note: other approved seed species may be substituted.

| EROSION CONTROL TIMETABLE | | September 22, 2003 |
|--|-------------------------|--------------------|
| ACCEPTABLE EROSION CONTROL TIMETABLE | | |
| TRAP SEEDING | J F M A M J J A S O N D | |
| TRAP SEEDING | J F M A M J J A S O N D | |
| LANDSCAPING | J F M A M J J A S O N D | |
| LANDSCAPING | J F M A M J J A S O N D | |
| MAINTENANCE | J F M A M J J A S O N D | |
| ** SEEDING INSTALLED FROM MAY 15 - AUG. 15 WILL REQUIRE ADDITIONAL WATERING TO PROMOTE SEED GROWTH. MULCH MAY ALSO BE USED TO HOLD WATERS. | | |
| SCHEDULE OF MAJOR CONSTRUCTION OPERATIONS | | |
| CLEARING | J F M A M J J A S O N D | |
| GRADING | J F M A M J J A S O N D | |
| TRAP EROSION CONTROL | J F M A M J J A S O N D | |
| STORMWATER DETENTION FORD | J F M A M J J A S O N D | |
| UTILITIES | J F M A M J J A S O N D | |
| TRAP EROSION CONTROL | J F M A M J J A S O N D | |
| LANDSCAPING | J F M A M J J A S O N D | |
| TRAP EROSION CONTROL MAINTENANCE | J F M A M J J A S O N D | |



SOURCE: N.C. Erosion and Sediment Control Planning and Design Manual, 1998

STORM & EROSION DETAILS\SILT FENCE DROP INLET PROTECTION DETAIL

Stormwater Management Plan

Approved as shown and/or noted

JAMES R. GILLS, P.E.

County Drainage Engineer

By *J. S.* Date 1/9/06